



Rev. 10/93

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

STEPHEN M. ALLEN ET. AL.

CASE NO.: BB1163USDIV

APPLICATION NO.: 10/051902

GROUP ART UNIT: 1656

FILED: JANUARY 17, 2002

EXAMINER: ROBINSON, HOPE A.

FOR: PLANT SUGAR TRANSPORT PROTEINS

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The pending claims (16 and 18-23) in the above-identified application are deemed in condition for allowance per the Notice of Allowance mailed on September 7, 2006.

The Applicants respectfully submit that claim 23 has been amended by way of Examiner's Amendment, a courtesy copy of which is attached. The undersigned representative, Thomas Kim, participated in a teleconference with Supervisory Examiner P. Achutamurthy on December 4, 2006. The parties agreed on the following amendment: In claim 23, replace "an isolated cell" with "A cell" in line 1; and In claim 23, insert, ", wherein said cell is a microbial or a plant cell" after "claim 20" in line 1. A clean copy of all allowed claims (16 and 18-23) are attached hereto.

The instant paper is being filed along with payment of the Issue Fee in a timely manner. Please feel free to contact the undersigned representative should any questions or problems remain.

Respectfully submitted,

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Dated: December 07, 2006

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CLEAN COPY OF ALLOWED CLAIMS

Claim 16. An isolated nucleic acid fragment comprising:

(a) a nucleotide sequence encoding a polypeptide having sugar transport protein activity, wherein said polypeptide is at least 90% identical to SEQ ID NO:20; or

(b) the full-length complement of the nucleotide sequence of (a).

Claim 18. The isolated nucleic acid fragment of Claim 16, wherein said polypeptide is at least 95% identical to SEQ ID NO:20.

Claim 19. The isolated nucleic acid fragment of Claim 16 wherein the nucleotide sequence comprises SEQ ID NO:19.

Claim 20. A recombinant DNA construct comprising the isolated nucleic acid fragment of Claim 16 operably linked to at least one regulatory sequence.

Claim 21. A vector comprising the isolated nucleic acid fragment of Claim 16.

Claim 22. A method for transforming a cell, comprising transforming a cell with the recombinant DNA construct of claim 20.

Claim 23. A cell comprising the recombinant DNA construct of Claim 20, wherein said cell is a microbial or a plant cell.